

Title (en)
TENSION PULLEY DEVICE FOR ELEVATOR GOVERNOR ROPE

Title (de)
SPANNSCHEIBENVORRICHTUNG FÜR AUFZUGSLEITSEIL

Title (fr)
DISPOSITIF À POULIE DE TENSION POUR CÂBLE DE COMMANDE D'ASCENSEUR

Publication
EP 1900673 A4 20130724 (EN)

Application
EP 05758247 A 20050705

Priority
JP 2005012391 W 20050705

Abstract (en)
[origin: EP1900673A1] A tension sheave device for an elevator governor rope includes: a tension sheave which is suspended by a governor rope; a rotating member which is rotated through vertical displacement of the tension sheave; a regulating member which makes the distance between the regulating member and the rotating member smaller through rotation of the rotating member in a direction in which the tension sheave is upwardly displaced; a wedge which is inserted into a gap between the rotating member and the regulating member; and an urging member urging the wedge so that the wedge enlarges by pushing the distance between the rotating member and the regulating member. A support member is provided inside a hoistway. The rotating member and the regulating member are provided on the support member. The wedge is provided with a first contact surface in contact with the rotating member and a second contact surface sloped with respect to the first contact surface and in contact with the regulating member. By forcing the wedge into the gap between the rotating member and the regulating member, upward displacement of the tension sheave is prevented.

IPC 8 full level
B66B 7/06 (2006.01); **B66B 5/04** (2006.01)

CPC (source: EP KR)
B66B 5/04 (2013.01 - EP KR); **B66B 5/18** (2013.01 - EP); **B66B 7/06** (2013.01 - KR)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2007004293A1

Cited by
JPWO2015155854A1; EP2338822A1; US11738971B2; WO2015155854A1; EP2253571A1; US10093515B2; EP2636628A1; US10654685B2

Designated contracting state (EPC)
DE

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JP WO2007004293 A1 20090122; KR 100874299 B1 20081218; KR 20070065331 A 20070622; WO 2007004293 A1 20070111

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